



HANDSET ACCESS CARD

INTELLIGENTLY DEVELOPED EVIDENTIALLY SOUND

ASSURED NETWORK ISOLATION

Best practice guidelines for mobile device data acquisition emphasise the importance of guaranteed isolation from the network to assure the integrity of the evidence. In any mobile phone forensic examination, preserving the security and integrity of the exhibit and the associated data is absolutely vital.

Technically, this requirement dictates the need for a replica SIM card that can be re-inserted into the handset with guaranteed isolation from the mobile phone network and the assurance that the exhibit cannot be compromised.

The Radio Tactics patented* Handset Access Card technology uniquely and reliably solves this issue.

* US Patent No: 8 161 537
US Patent No: 7 886 347
European Patent No: EP 1 717 767
European Patent No. EP 2 058 774

A ROBUST SYSTEM SOLUTION

In developing the Handset Access Card solution the following critical elements have been addressed to provide a fully robust system solution.

BENEFITS

- ▶ Prevents connection/interception
- ▶ Write once then read only solution (cannot be modified)
- ▶ Prevents remote wiping (data deletion)
- ▶ A single Handset Access Card supports either mini or micro SIM form factors
- ▶ A dedicated Handset Access Card for nano SIM support
- ▶ Prevents Apps from updating cache memory
- ▶ Unique card ID provides explicit link to each phone examination and corresponding report (audit trail)
- ▶ Able to be annotated and referenced by the examining officer
- ▶ Guaranteed identical results for any repeated examinations

SECURE PROCESS – ON A CARD

The Radio Tactics Handset Access Card solution delivers a complete robust, secure and easy to use process. All of the data apart from the secret key identifiers is copied in order to block connection to the network and additionally:

- ▶ Generates an audit trail which is written to the card providing confirmation of the creator and timestamp for the card creation
- ▶ Incorporates multiple levels of blocking to ensure that handsets do not connect to the network under any circumstances
- ▶ Write-once card which cannot be modified after it has been created ensures that it is matched to the specific handset
- ▶ Behaviour guaranteed identical to the original SIM even with threaded SMS messages

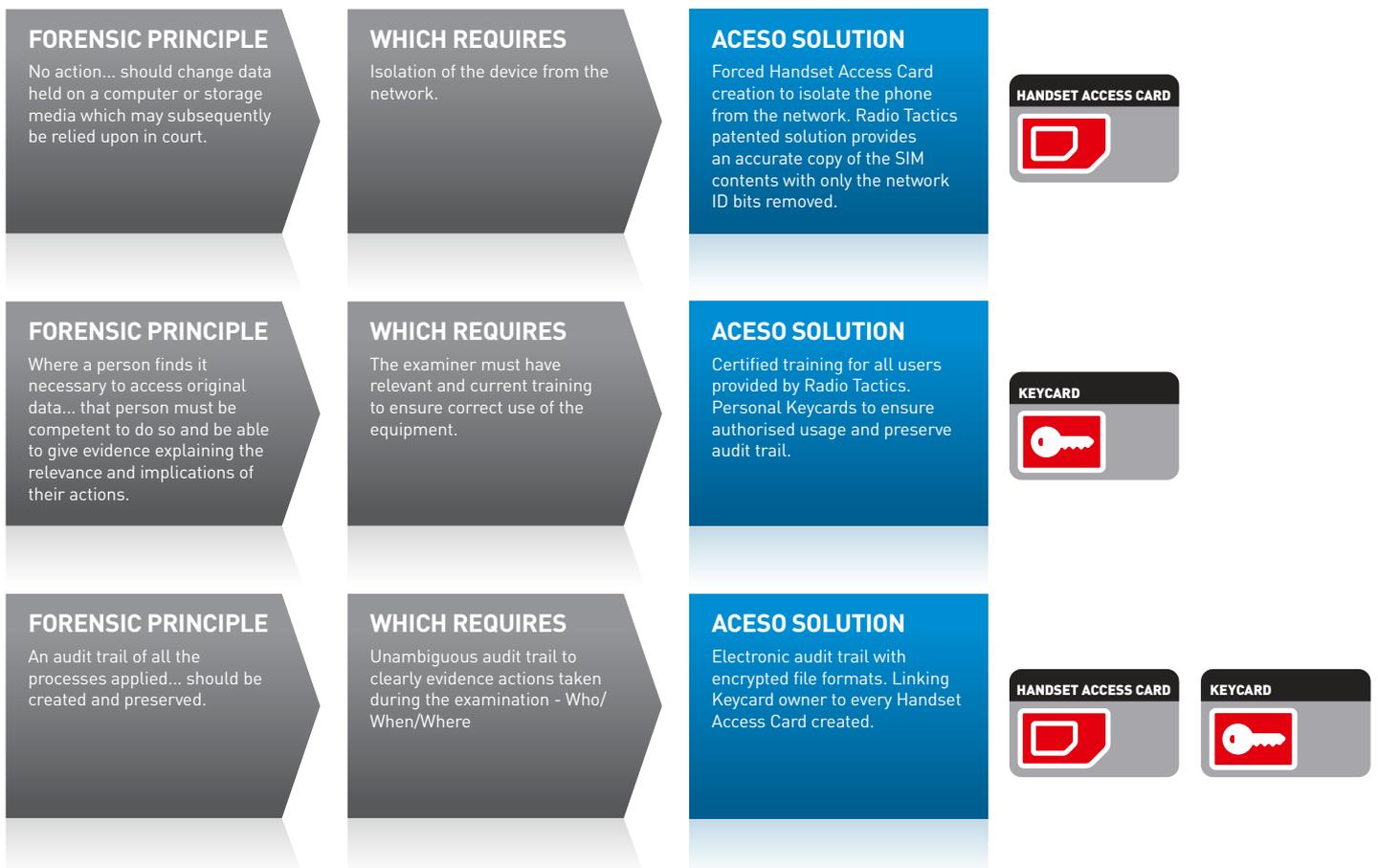
Locking all of these elements together provide the reassurance of absolute security and is unique to the patented Radio Tactics Handset Access Card technology. Another important element in this secure process is associated with the Keycard of the examiner which is tied to every Handset Access Card that is generated by the officer.

Many other solutions in the market have been deemed inadequate due to the fact that they are unable to be securely disabled immediately after the SIM data has been copied. These are marketed under various guises but only address a part of the problem with corresponding security vulnerabilities and risk of associated data corruption.

FORENSIC INTEGRITY

The below guidelines are widely acknowledged as vital for maintaining forensic integrity and evidential security. Key to the value of evidential data acquired from mobile devices is 'infallibility'.

Without the assurance of a complete block on access to the mobile phone network, the integrity of the data and the process itself simply cannot be relied on and can undoubtedly prejudice the successful outcome of criminal proceedings.



The Radio Tactics unique Handset Access Card and Keycard audit trail process ensures compliance with these important forensic principles.